

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005687.D
 Acq On : 16 Aug 2021 23:16
 Operator : SY/MD
 Sample : VY0816SBL02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBL02

Quant Time: Aug 17 05:22:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

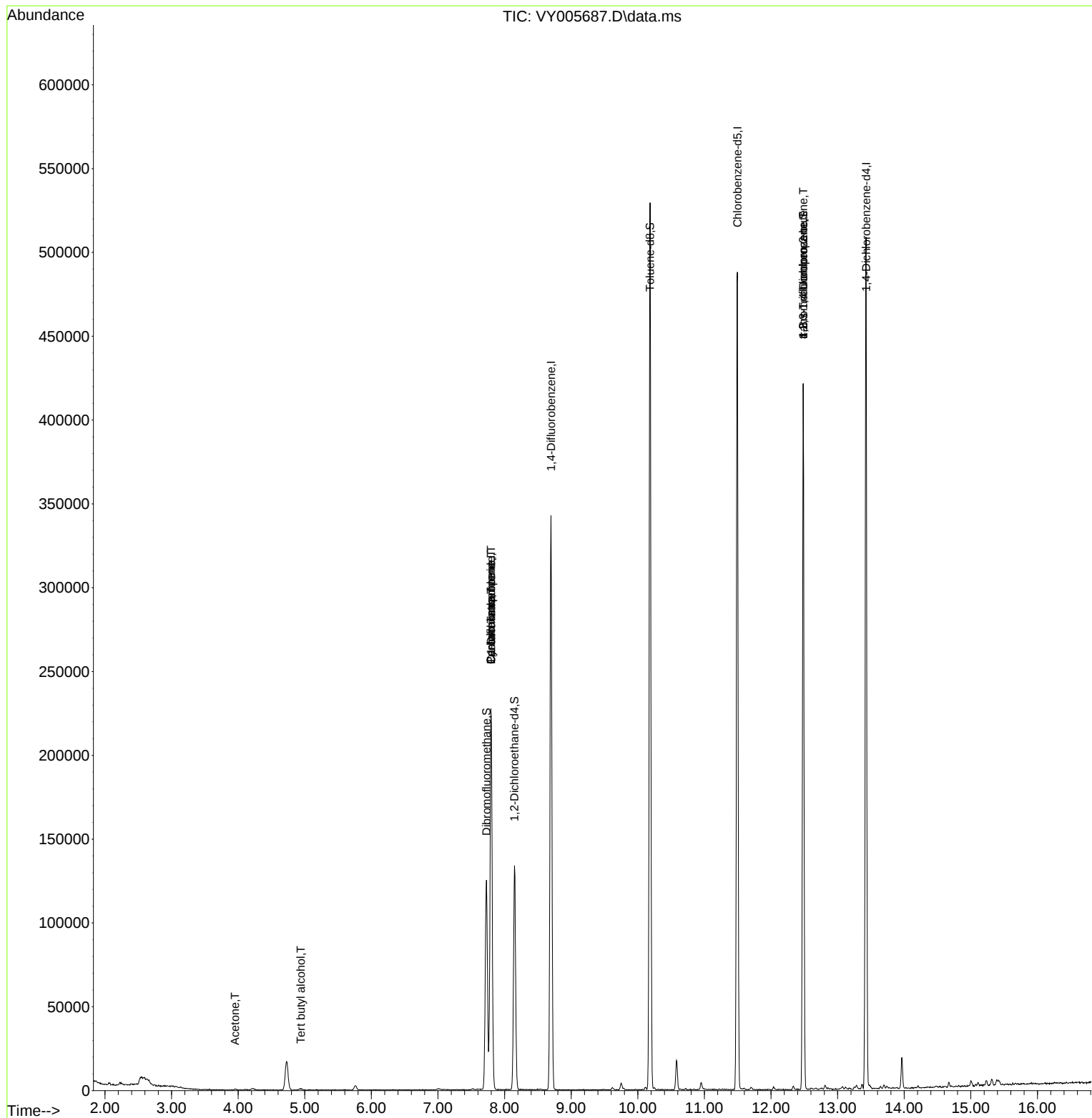
Internal Standards						
1) Pentafluorobenzene	7.795	168	183650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	286579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	260094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107609	57.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.780%	
35) Dibromofluoromethane	7.728	113	84184	52.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.940%	
50) Toluene-d8	10.185	98	337498	50.155	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	12.483	95	109987	49.358	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	469	2.552	ug/l #	73
16) Acetone	3.954	43	881	1.880	ug/l	92
31) Cyclohexane	7.795	56	3731	1.170	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	13602	5.060	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16470	5.638	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	62043	45.408	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62043	91.537	ug/l #	11

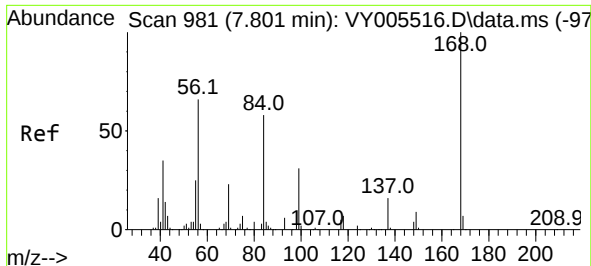
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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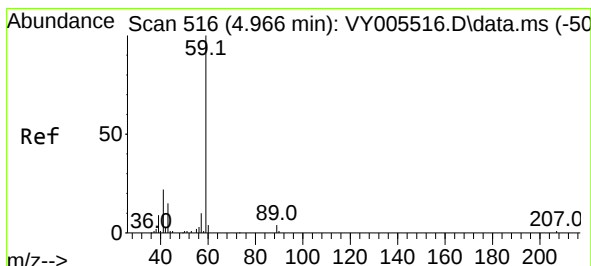
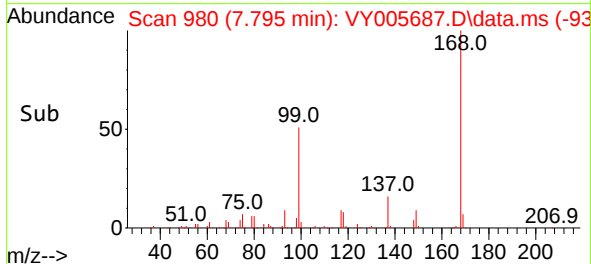
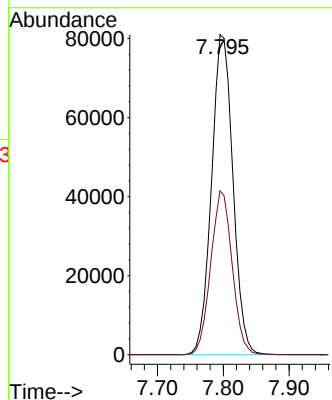
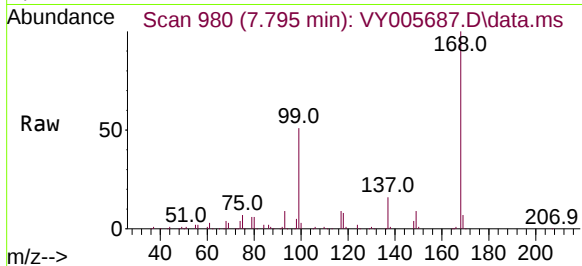




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005687.D
Acq: 16 Aug 2021 23:16

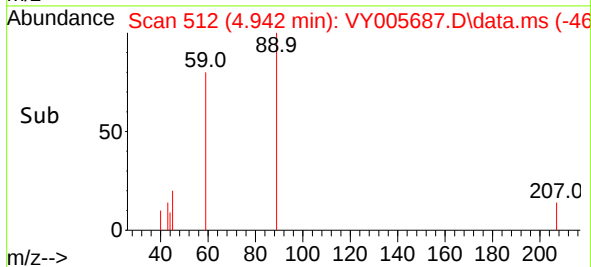
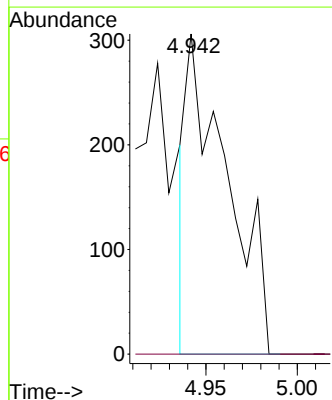
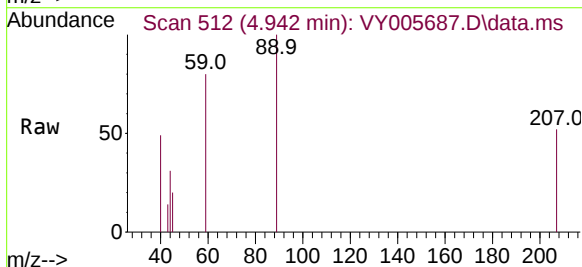
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL02

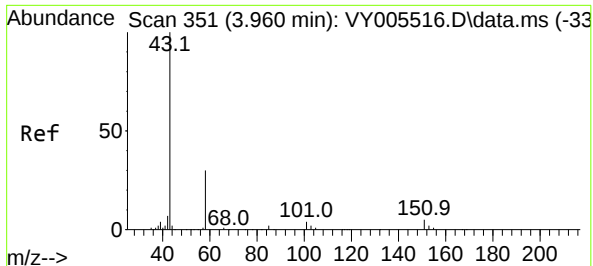
Tgt Ion:168 Resp: 183650
Ion Ratio Lower Upper
168 100
99 51.2 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.552 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005687.D
Acq: 16 Aug 2021 23:16

Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#





#16

Acetone

Concen: 1.880 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY005687.D

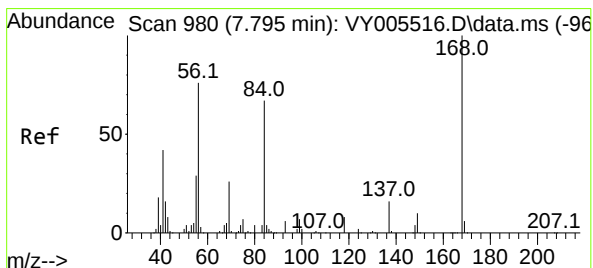
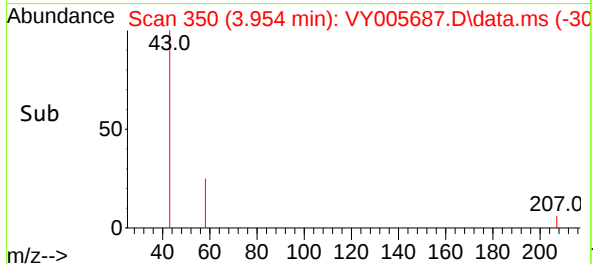
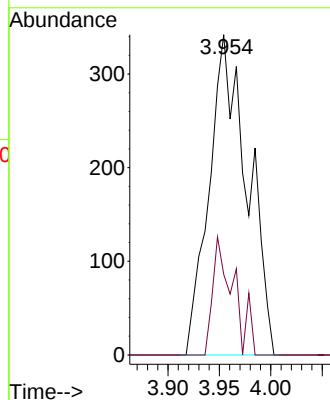
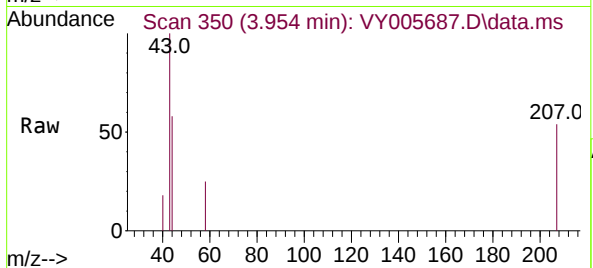
Acq: 16 Aug 2021 23:16

Tgt Ion: 43 Resp: 881

Ion Ratio Lower Upper

43 100

58 25.1 23.8 35.6



#31

Cyclohexane

Concen: 1.170 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005687.D

Acq: 16 Aug 2021 23:16

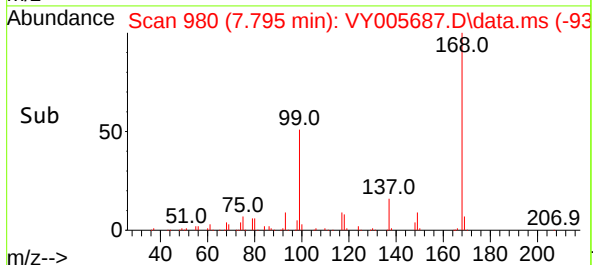
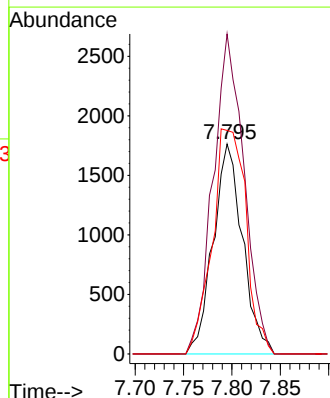
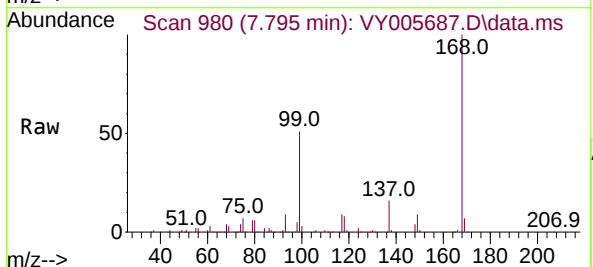
Tgt Ion: 56 Resp: 3731

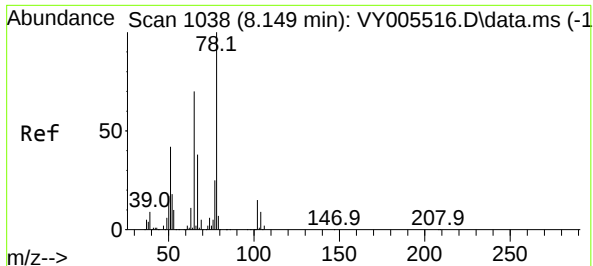
Ion Ratio Lower Upper

56 100

69 152.5 27.7 41.5#

84 106.5 70.9 106.3#

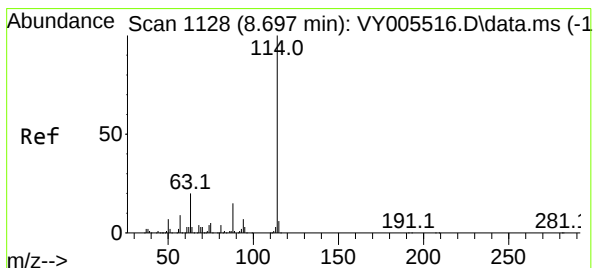
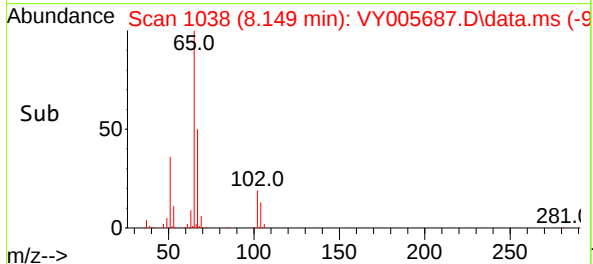
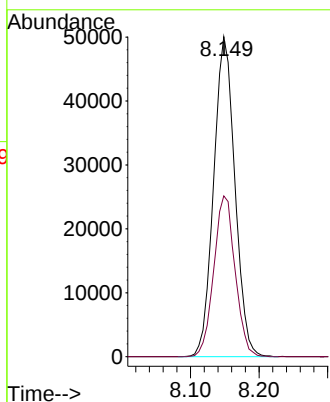
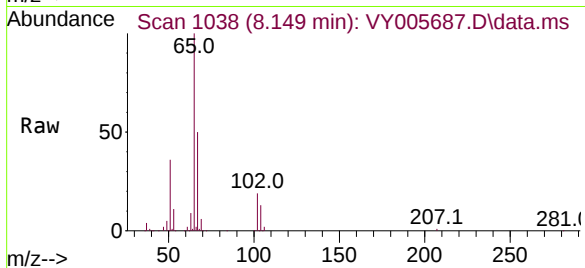




#33
1,2-Dichloroethane-d4
Concen: 57.886 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005687.D
Acq: 16 Aug 2021 23:16

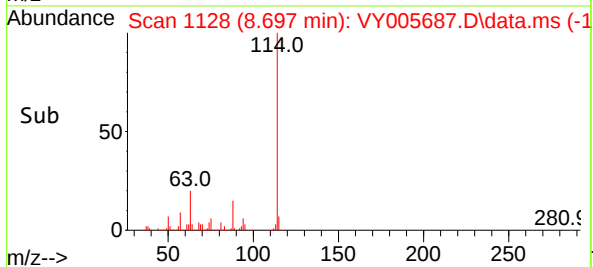
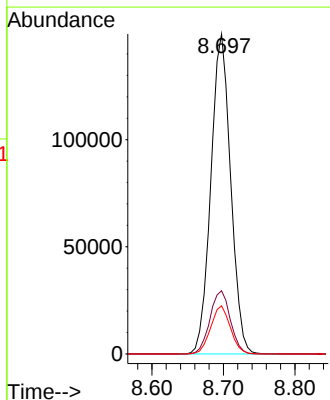
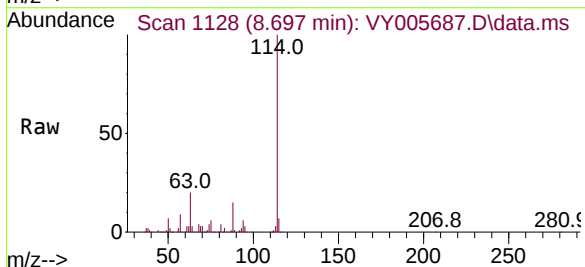
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL02

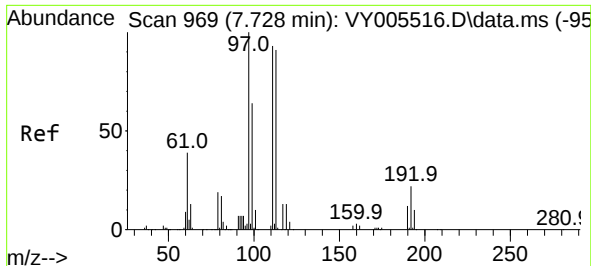
Tgt Ion: 65 Resp: 107609
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005687.D
Acq: 16 Aug 2021 23:16

Tgt Ion:114 Resp: 286579
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.1 0.0 30.8





#35

Dibromofluoromethane

Concen: 52.468 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005687.D

Acq: 16 Aug 2021 23:16

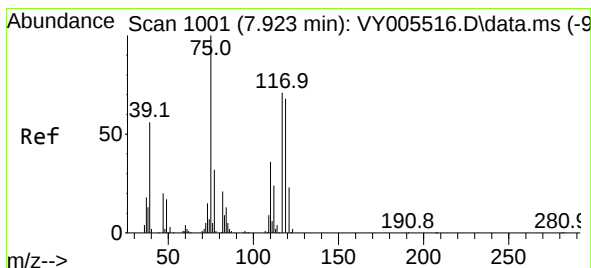
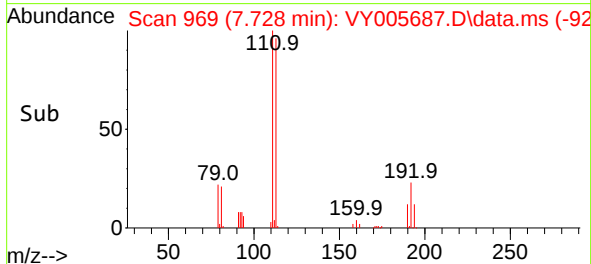
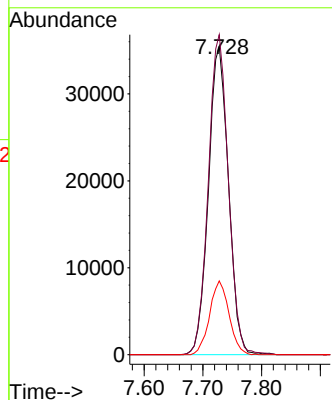
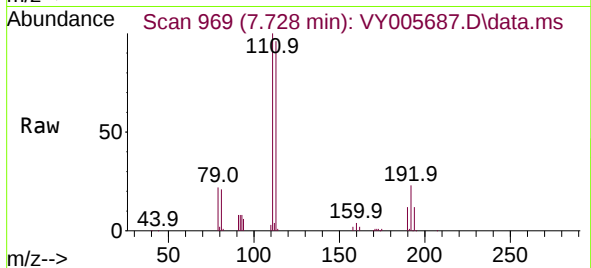
Tgt Ion:113 Resp: 84184

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

192 23.2 19.2 28.8



#36

1,1-Dichloropropene

Concen: 5.060 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005687.D

Acq: 16 Aug 2021 23:16

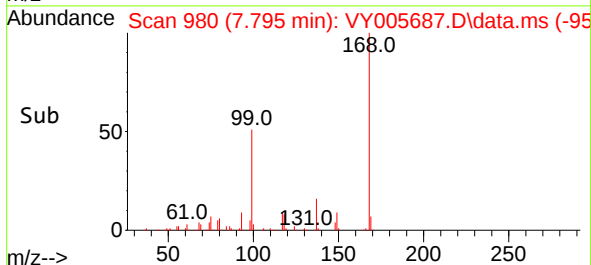
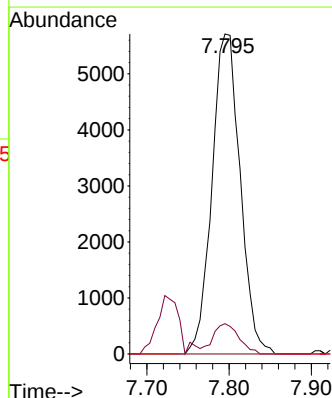
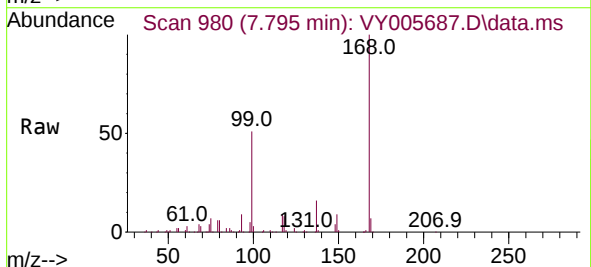
Tgt Ion: 75 Resp: 13602

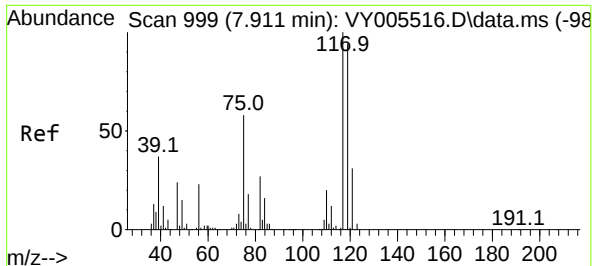
Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.1#

77 0.0 25.1 37.7#

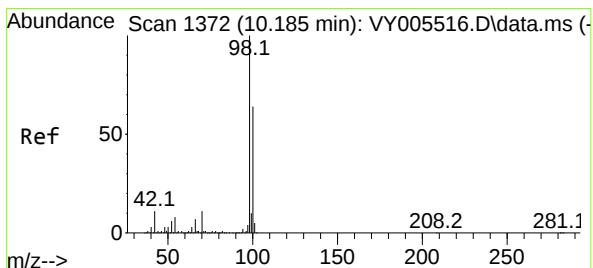
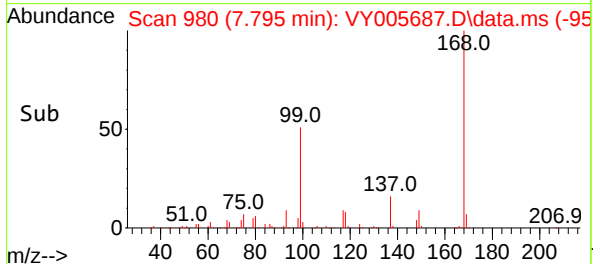
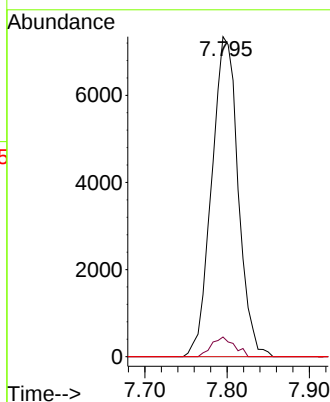
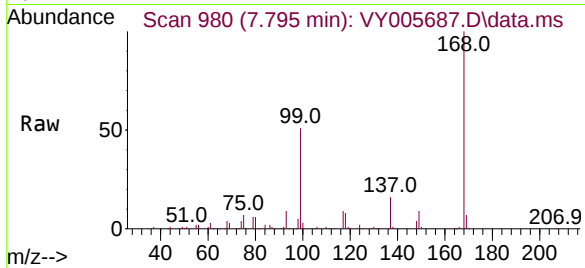




#38
Carbon Tetrachloride
Concen: 5.638 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005687.D
Acq: 16 Aug 2021 23:16

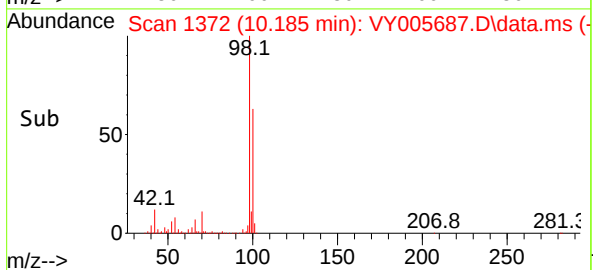
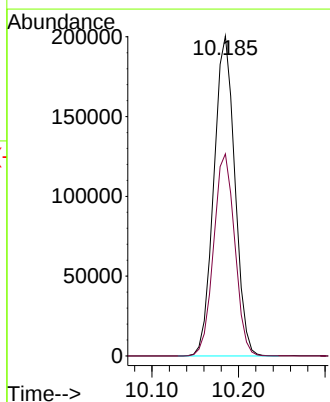
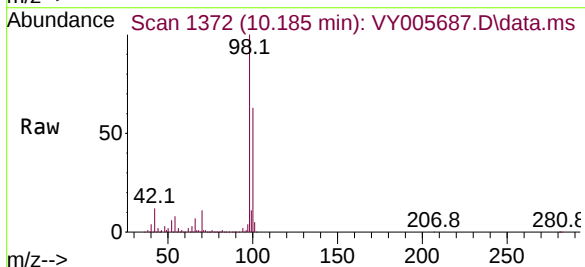
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL02

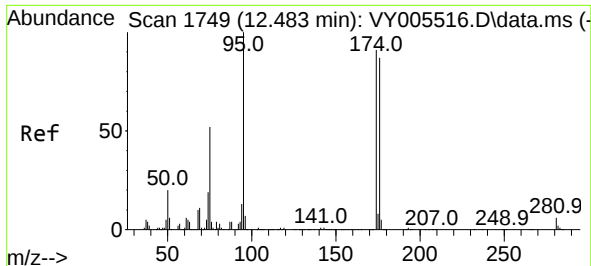
Tgt Ion:117 Resp: 16470
Ion Ratio Lower Upper
117 100
119 6.1 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 50.155 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005687.D
Acq: 16 Aug 2021 23:16

Tgt Ion: 98 Resp: 337498
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

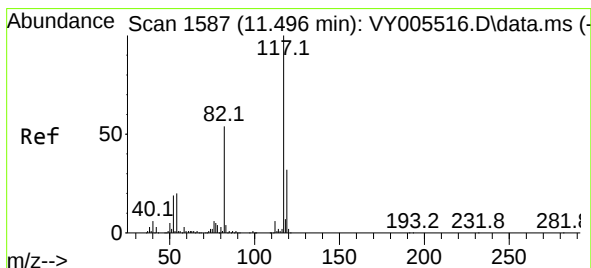
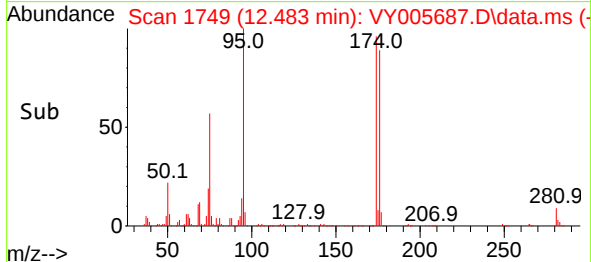
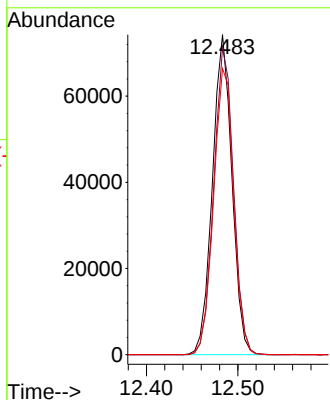
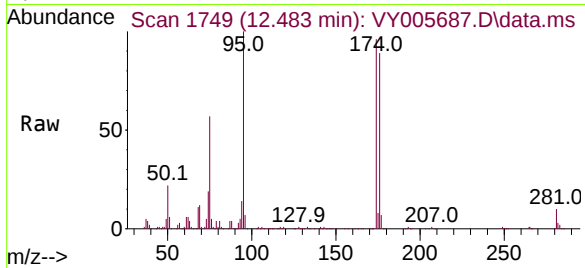




#62
4-Bromofluorobenzene
Concen: 49.358 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005687.D
Acq: 16 Aug 2021 23:16

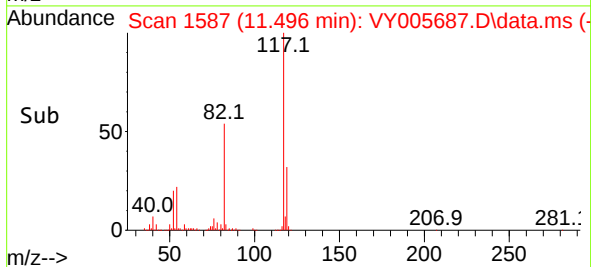
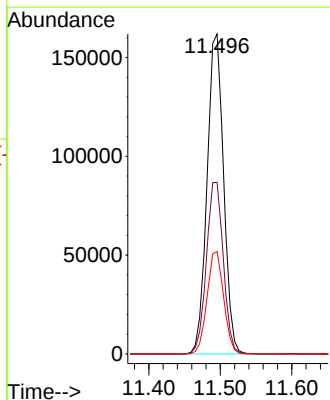
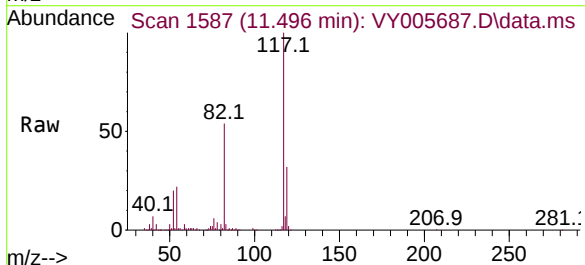
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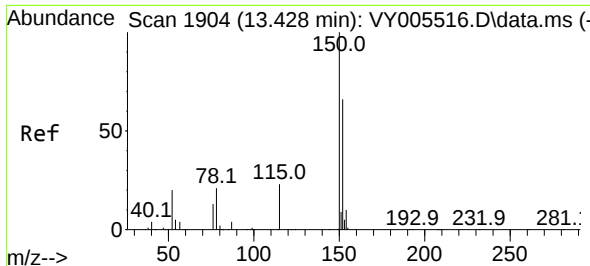
Tgt Ion: 95 Resp: 109987
Ion Ratio Lower Upper
95 100
174 97.4 0.0 191.4
176 92.5 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005687.D
Acq: 16 Aug 2021 23:16

Tgt Ion: 117 Resp: 260094
Ion Ratio Lower Upper
117 100
82 53.6 43.5 65.3
119 32.0 25.5 38.3

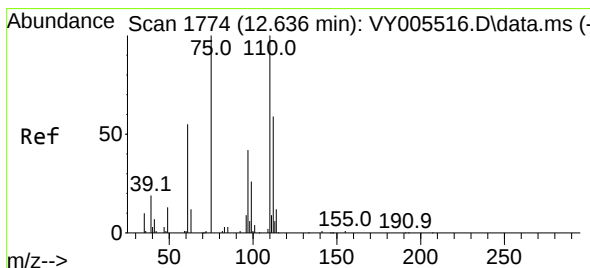
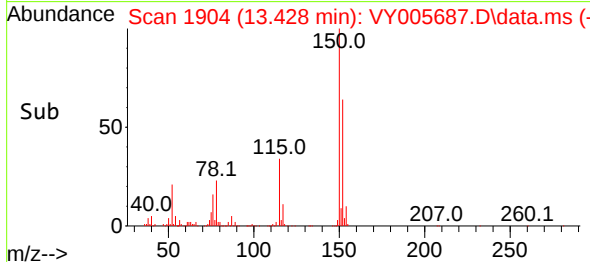
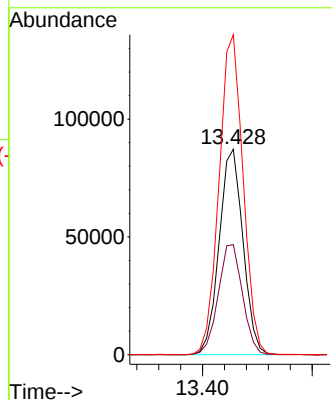
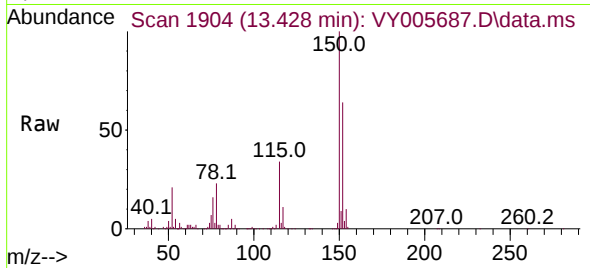




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005687.D
 Acq: 16 Aug 2021 23:16

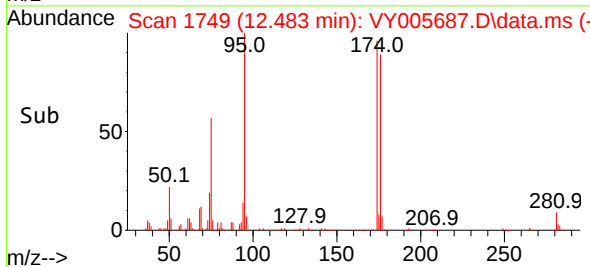
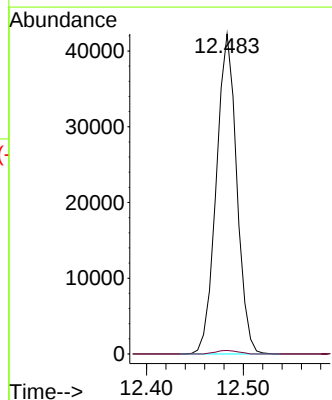
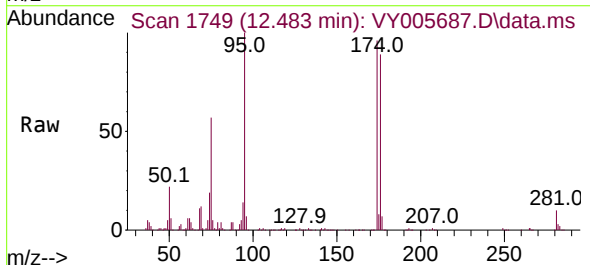
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBL02

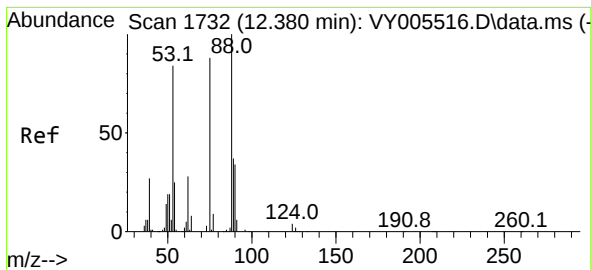
Tgt Ion:152 Resp: 131850
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.3 81.9
 150 156.9 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 45.408 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005687.D
 Acq: 16 Aug 2021 23:16

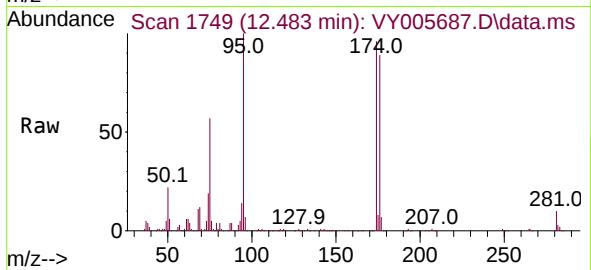
Tgt Ion: 75 Resp: 62043
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.537 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005687.D
 Acq: 16 Aug 2021 23:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBL02



Tgt Ion: 75 Resp: 62043
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

